

COULSTON INTL -- 83803-20100, INSECT REPELLENT, CLOTH. APPL. - INSECT REPELLENT, CLOT
 MATERIAL SAFETY DATA SHEET
 NSN: 6840012781336
 Manufacturer's CAGE: 0C4A6
 Part No. Indicator: A
 Part Number/Trade Name: 83803-20100, INSECT REPELLENT, CLOTH. APPL.

General Information

Item Name: INSECT REPELLENT, CLOTHING APPLICATION
 Company's Name: COULSTON INTL CORP.
 Company's Street: 201 FERRY ST SUITE 212
 Company's P. O. Box: 30
 Company's City: EASTON
 Company's State: PA
 Company's Country: US
 Company's Zip Code: 18044-0030
 Company's Emerg Ph #: 215-253-0167
 Company's Info Ph #: 215-253-0167
 Record No. For Safety Entry: 001
 Tot Safety Entries This Stk#: 003
 Status: SE
 Date MSDS Prepared: 14NOV90
 Safety Data Review Date: 23MAR91
 Supply Item Manager: CX
 MSDS Preparer's Name: LAWRENCE J. FELLER
 MSDS Serial Number: BHKMT
 Hazard Characteristic Code: J7
 Unit Of Issue: EA *
 Unit Of Issue Container Qty: 12 X 6 OZ *
 Type Of Container: CANS, AEROSOL *
 Net Unit Weight: 4.7 LBS *

Ingredients/Identity Information

Proprietary: NO
 Ingredient: PERMETHRIN
 Ingredient Sequence Number: 01
 Percent: 0.50
 NIOSH (RTECS) Number: GZ1255000
 CAS Number: 52645-53-1
 OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED
 Other Recommended Limit: NOT ESTABLISHED

Proprietary: NO
 Ingredient: NAPHTHA, LIGHT AROMATIC
 Ingredient Sequence Number: 02
 Percent: <4.0
 NIOSH (RTECS) Number: 1003693SN
 CAS Number: 64742-95-6
 OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED
 Other Recommended Limit: NOT ESTABLISHED

Proprietary: NO
 Ingredient: HYDROTREATED LIGHT PETROLEUM DISTILLATE
 Ingredient Sequence Number: 03
 Percent: <6.0
 NIOSH (RTECS) Number: 1002846HL

CAS Number: 64742-47-8
 OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED
 Other Recommended Limit: NOT ESTABLISHED

Proprietary: NO
 Ingredient: NON-HAZARDOUS INGREDIENTS (INERT) PROPRIETARY MIXTURE.
 Ingredient Sequence Number: 04
 Percent: >90.0
 NIOSH (RTECS) Number: 1000082II
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE
 Other Recommended Limit: NOT ESTABLISHED

Proprietary: NO
 Ingredient: WATER PER MGF
 Ingredient Sequence Number: 05
 NIOSH (RTECS) Number: ZC0110000
 CAS Number: 7732-18-5
 OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED
 Other Recommended Limit: NOT ESTABLISHED

Proprietary: NO
 Ingredient: PROPANE AND ISOBUTANE MIXTURE AS PROPELLANT; DATA PER MGF DATED
 12/12/89
 Ingredient Sequence Number: 06
 NIOSH (RTECS) Number: 1003577PI
 OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED
 Other Recommended Limit: NOT ESTABLISHED
 =====

Physical/Chemical Characteristics

=====

Appearance And Odor: MILKY WHITE, PLEASANT, DRIED FLOWER LIKE ODOR; SHELF
 LIFE: 4 YEAR
 Specific Gravity: 0.792
 Decomposition Temperature: UNKNOWN
 Solubility In Water: MISCIBLE
 Percent Volatiles By Volume: 30.0
 Corrosion Rate (IPY): UNKNOWN
 =====

Fire and Explosion Hazard Data

=====

Flash Point: NONE, AEROSOL
 Extinguishing Media: USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.
 Special Fire Fighting Proc: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
 FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO
 COOL NEARBY CONTAINERS EXPOSED TO FIRE.
 Unusual Fire And Expl Hazrds: CONTENTS UNDER PRESSURE; EXPOSURE TO
 TEMPERATURES IN EXCESS OF 130F MAY CAUSE BURSTING.
 =====

Reactivity Data

=====

Stability: YES
 Cond To Avoid (Stability): HIGH TEMPERATURES ABOVE 130 F
 Materials To Avoid: NONE SPECIFIED
 Hazardous Decomp Products: NONE SPECIFIED
 Hazardous Poly Occur: NO
 Conditions To Avoid (Poly): NOT APPLICABLE

=====

Health Hazard Data

=====

Route Of Entry - Ingestion: YES
 Health Haz Acute And Chronic: ACUTE:NO ACUTE AND CHRONIC HEALTH EFFECTS
 ARE SPECIFIED PER MSDS;MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION.
 Carcinogenicity - NTP: NO
 Carcinogenicity - IARC: NO
 Carcinogenicity - OSHA: NO
 Explanation Carcinogenicity: DATA PER MSDS
 Signs/Symptoms Of Overexp: MAY CAUSE EYE, SKIN & RESPIRATORY TRACT
 IRRITATION.NO DATA ESTABLISHED PER MSDS.
 Med Cond Aggravated By Exp: PERSONS WITH EYE, SKIN, AND RESPIRATORY
 DISORDERS MAY BE AT INCREASED RISK.
 Emergency/First Aid Proc: INHALATION: REMOVE TO FRESH AIR. IF NOT
 BREATHING GIVE CPR. CALL A PHYSICIAN. EYE: IMMEDIATELY FLUSH EYES WITH
 PLENTY OF WATER FOR 15 MINUTES. CALL A PHYSICIAN. SKIN: WASH WITH PLENTY OF
 SOAP & WATER. REMOVE CONTAMINATED CLOTHING/SHOES. INGESTION: DO NOT INDUCE
 VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL
 ATTENTION.

=====

Precautions for Safe Handling and Use

=====

Steps If Matl Released/Spill: IF CONTAINER BEGINS TO LEAK (THROUGH
 PUNCTURE, ETC.) ALLOW IT TO DISCHARGE COMPLETELY IN WELL VENTILATED AREA,
 THEN DISPOSE IN SAFE PLACE.USE INERT ABSORBENT MATERIAL IF NEEDED.
 Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
 Waste Disposal Method: AEROSOL CONTAINER IS NOT REFILLABLE. DO NOT ATTEMPT
 TO RECHARGE. WHEN CONTAINER IS EMPTY, DISCARD IN SAFE PLACE. DO NOT
 PUNCTURE OR THROW IN FIRE. DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL
 APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
 Precautions-Handling/Storing: STORE IN A COOL, DRY, WELL VENTILATED AREA.
 PROTECT CONTAINERS FROM PHYSICAL DAMAGE. DO NOT EXPOSE TO TEMPERATURES
 ABOVE 130 DEG. F OR BELOW 32F.
 Other Precautions: DO NOT PUNCTURE OR INCINERATE.FOR CLOTHING TREATMENT
 ONLY.DO NOT APPLY TO SKIN.

=====

Control Measures

=====

Respiratory Protection: NONE NORMALLY REQUIRED. FOR CLOTHING TREATMENT USE
 ONLY.
 Ventilation: NOT APPLICABLE. FOR CLOTHING TREATMENT USE ONLY.
 Protective Gloves: NONE NORMALLY REQUIRED.
 Eye Protection: SAFETY GLASSES RECOMMENDED.
 Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER
 RECOMMENDED,WORK CLOTHING.
 Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
 RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.
 Suppl. Safety & Health Data: DO NOT GET ON SKIN, IN EYES OR ON CLOTHING.
 DO NOT BREATHE VAPORS OR MISTS.DO NOT APPLY TO SKIN.FOR CLOTHING TREATMENT
 ONLY.

=====

Transportation Data

=====

Transportation Action Code: C
 Trans Data Review Date: 98092
 DOT PSN Code: AGD
 DOT Proper Shipping Name: AEROSOLS, NON-FLAMMABLE, *
 DOT Class: 2.2 *
 DOT ID Number: UN1950 *

DOT Label: NONFLAMMABLE GAS *
IMO PSN Code: AKD
IMO Proper Shipping Name: AEROSOLS o *
IMO Regulations Page Number: 2102 *
IMO UN Number: 1950 *
IMO UN Class: 2(T) *
IMO Subsidiary Risk Label: T *
IATA PSN Code: ANB
IATA UN ID Number: 1950 *
IATA Proper Shipping Name: AEROSOLS, 20, *
IATA UN Class: 2.2 *
IATA Label: NON-FLAMMABLE GAS *
AFI PSN Code: ANB
AFI Prop. Shipping Name: AEROSOLS, NON-FLAMMABLE, N.O.S. *
AFI Class: 2.2 *
AFI ID Number: UN1950 *
AFI Special Prov: P4 *
AFI Basic Pac Ref: A6.3 *
N.O.S. Shipping Name: HIGH FLASH POINT NAPHTHA AND PROPANE/ ISOBUTANE
MIXTURE. *
Additional Trans Data: PER MFR AEROSOL IS NONFLAMMABLE BECAUSE OF HIGH
WATER CONTENT. *

=====
Disposal Data
=====

=====
Label Data
=====

Label Required: NO
Label Status: X
Common Name: LABEL COVERED UNDER EPA REGS - HAZCOM LABEL NOT
AUTHORIZED